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 FACIL:50-250 Turkey Point Plant, Unit 3, Florida Power and Light C 05000250
 50-251 Turkey Point Plant, Unit 4, Florida Power and Light C 05000251
 AUTH.NAME AUTHOR AFFILIATION
 BOHLKE,W.H. Florida Power & Light Co.
 RECIP.NAME RECIPIENT AFFILIATION
 Document Control Branch (Document Control Desk)

SUBJECT: Responds to NRC Bulletin 90-001, "Loss of Fill-Oil in Transmitters Mfg by Rosemount."

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 TITLE: NRC Bulletin 90-001, Loss of Fill Oil in Transmitters Mfg by Rosemount

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~~JULY~~ 18 1990

L-90-266
10CFR 50.54(f)

U.S. Nuclear Regulatory Commission
Attn: Document Control Desk
Washington, D. C. 20555


Gentlemen:

Re: Turkey Point Units 3 and 4
Docket Nos. 50-250 and 50-251
NRC Bulletin 90-01
Loss of Fill-Oil in Transmitters
Manufactured by Rosemount

NRC Bulletin 90-01, "Loss of Fill-Oil in Transmitters Manufactured by Rosemount", issued March 9, 1990, requested that licensees take appropriate corrective actions for Model 1153 Series B, Model 1153 Series D and Model 1154 transmitters manufactured by Rosemount that may be leaking fill-oil. In accordance with the bulletin, Florida Power and Light provides the attached response relative to the Turkey Point Plant.

Should there be any questions concerning this response, please contact us.

Very truly yours,


W. H. Bohlke
Vice President
Nuclear Engineering and Licensing

WHB/OIH

cc: Stewart D. Ebnetter, Regional Administrator, Region II, USNRC
Senior Resident Inspector, USNRC, Turkey Point Plant

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STATE OF FLORIDA)
)
COUNTY OF PALM BEACH) ss.

W. H. Bohlke being first duly sworn, deposes and says:

That he is Vice President, Nuclear Engineering and Licensing of Florida Power & Light Company, the Licensee herein;

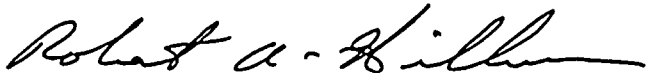
That he has executed the foregoing document; that the statements made in this document are true and correct to the best of his knowledge, information and belief, and that he is authorized to execute the document on behalf of said Licensee.



W. H. Bohlke

Subscribed and sworn to before me this

18th day of July, 1990.



NOTARY PUBLIC, in and for the County of
Palm Beach, State of Florida

NOTARY PUBLIC STATE OF FLORIDA AT LARGE

My Commission expires MY COMMISSION EXPIRES DEC 26 1993

ATTACHMENT

FLORIDA POWER AND LIGHT
TURKEY POINT UNITS 3 AND 4

NRC BULLETIN 90-01

LOSS OF FILL-OIL IN TRANSMITTERS MANUFACTURED BY ROSEMOUNT

Florida Power and Light provides the following information relative to Turkey Point Units 3 and 4 in response to NRC Bulletin 90-01:

Reporting Requirement 1.a)

1. Provide, within 120 days after receipt of this bulletin, a response that:
 - a) Confirms that Items 1,2,3,4, and 5 of Requested Actions for Operating Reactors have been completed.

FPL Response:

Florida Power and Light confirms that the following actions have been completed:

1. All Rosemount transmitters models 1153 Series B, and 1153 Series D manufactured prior to July 11, 1989 currently used in either safety-related systems or systems installed in accordance with 10CFR50.62 have been identified. There are no model 1154 transmitters installed at Turkey Point Units 3 and 4. No transmitters were identified as being manufactured by Rosemount but supplied by a different vendor.
2. Ten transmitters from manufacturing lots having a high failure fraction due to loss of fill-oil have been identified. Six of these ten transmitters are used in the reactor protection or engineered safety features actuation systems. Replacement of the transmitter or its sensor cell for each of the ten transmitters identified will be completed by the end of the dual unit outage currently scheduled to start on November 15, 1990.

3. Plant transmitter calibration records have been reviewed. There are no transmitters which have exhibited symptoms of loss of fill-oil that are currently installed in safety-related systems or systems installed in accordance with 10CFR50.62.
4. An enhanced surveillance program is in place for all Rosemount Model 1153 Series B, and 1153 Series D transmitters currently used in either safety-related systems or systems installed in accordance with 10CFR50.62 manufactured prior to July 11, 1989.
5. A basis for continued operation has been issued in accordance with Bulletin 90-01 guidelines.

Reporting Requirement 1.b)

1. Provide, within 120 days after receipt of this bulletin, a response that:
 - b) Identifies the indicated manufacturer; the model number; the system the transmitter was utilized in; the approximate amount of time at pressure; the corrective actions taken; and the disposition of Rosemount Model 1153 Series B, Model 1153 Series D, and Model 1154 transmitters that are believed to have exhibited symptoms indicative of loss of fill-oil or have been confirmed to have experienced a loss of fill-oil. This should include Model 1153 Series B, Model 1153 Series D and Model 1154 transmitters manufactured after July 11, 1989.

FPL Response:

Table 1 of this Attachment provides the requested information.

Reporting Requirement 1.c)

1. Provide, within 120 days after receipt of this bulletin, a response that:
 - c) Identifies the system in which the Model 1153 Series B, 1153 Series D, and Model 1154 transmitters from the manufacturing lots that have been identified by Rosemount as having a high failure fraction due to loss of fill-oil are utilized and provides a schedule for replacement of these transmitters which are in use in the reactor protection or engineered safety features actuation systems.

FPL Response:

Table 2 of this Attachment provides the requested information.

Reporting Requirement 2

2. Model 1153 Series B, Model 1153 Series D, and Model 1154 transmitters that, subsequent to providing the response required by Item 1 above, exhibit symptoms of loss of fill-oil or are confirmed to have experienced a loss of fill-oil should be reviewed for reportability under existing NRC regulations. If determined not to be reportable, addressees are requested to document and maintain, in accordance with existing plant procedures, information consistent with that requested in Item 1) above for each transmitter identified.

FPL Response:

Transmitters which exhibit symptoms of loss of fill-oil or are confirmed to have experienced a loss of fill-oil will be reviewed for reportability under existing NRC regulations. If determined not to be reportable, information such as the model number; the system the transmitter was utilized in; the approximate amount of time at pressure; the corrective actions taken; and the disposition of the transmitter will be documented and maintained.

Table 1
Reporting Requirement 1.b

TRANSMITTERS SUSPECTED TO HAVE EXPERIENCED A LOSS OF FILL-OIL

<u>Transmitter Manufacturer</u>	<u>Transmitter Model Number</u>	<u>System</u>	<u>Time at Pressure</u>	<u>Corrective Actions</u>	<u>Disposition of Transmitter</u>
Rosemount	1153DB5, Serial Number 413674	Unit 4, Auxiliary Feedwater System - Flow	80 -120 hours	The transmitter has been removed from service.	The transmitter was sent to Rosemount for further analysis. No confirmation of failure mode as of yet.
Rosemount	1153DD5, Serial Number 397801	Unit 4, Steam Generator Level	39 months	The transmitter has been removed from service.	The transmitter was sent to Rosemount for further analysis. No confirmation of failure mode as of yet.
Rosemount	1153DD6, Serial Number 414651	Unit 3, Steam Flow	14 months	The transmitter has been removed from service.	The transmitter is awaiting shipment to Rosemount.
Rosemount	1153DB5, Serial Number 413672	Unit 4, Auxiliary Feedwater System - Flow	80 hours	The transmitter has been removed from service.	The transmitter is awaiting shipment to Rosemount.

Table 2
Reporting Requirement 1.c

TRANSMITTERS FROM THE MANUFACTURING LOTS IDENTIFIED BY ROSEMOUNT AS
HAVING A HIGH FAILURE FRACTION

<u>Transmitter Manufacturer</u>	<u>Transmitter Model Number</u>	<u>System</u>	<u>Corrective Actions</u>
Rosemount	406294	Unit 3, RCS Flow Loop B	The sensor cell or complete transmitter will be replaced by the end of the dual unit outage currently scheduled to start in November 15, 1990.
Rosemount	406297	Unit 3, RCS Flow Loop C	The sensor cell or complete transmitter will be replaced by the end of the dual unit outage currently scheduled to start in November 15, 1990.
Rosemount	405797	Unit 4, RCS Flow Loop C	The sensor cell or complete transmitter will be replaced by the end of the dual unit outage currently scheduled to start in November 15, 1990.
Rosemount	406291	Unit 3, RCS Flow Loop A	The sensor cell or complete transmitter will be replaced by the end of the dual unit outage currently scheduled to start in November 15, 1990.
Rosemount	406302	Unit 3, SG A Level	The sensor cell or complete transmitter will be replaced by the end of the dual unit outage currently scheduled to start in November 15, 1990.
Rosemount	406303	Unit 3, SG B Level	The sensor cell or complete transmitter will be replaced by the end of the dual unit outage currently scheduled to start in November 15, 1990.
Rosemount	406304	Unit 3, SG C Level	The sensor cell or complete transmitter will be replaced by the end of the dual unit outage currently scheduled to start in November 15, 1990.

Rosemount	410759	Unit 4, RCP C Shaft Seal Delta P	The sensor cell or complete transmitter will be replaced by the end of the dual unit outage currently scheduled to start in November 15, 1990.
Rosemount	406284	Unit 3, SG A Feedwater Flow	The sensor cell or complete transmitter will be replaced by the end of the dual unit outage currently scheduled to start in November 15, 1990.
Rosemount	406287	Unit 3, SG C Feedwater Flow	The sensor cell or complete transmitter will be replaced by the end of the dual unit outage currently scheduled to start in November 15, 1990.